

Program Description/Textbook or Print Instructional Material

Vendor: Harcourt School Publishers Web Address: www.harcourtschool.com

Title: Harcourt Science

Author: Frank, Jones, Krockover, Lang, McLeod, Valenta, Van Deman

ISBN: See attached Course/Content Area: Science

Intended Grade or Level: Kindergarten – Grade 6 Readability Level: See attached

Price: See attached Lowest Wholesale Price: See attached

FEATURES

Content

Harcourt Science is a comprehensive science program for all students from Kindergarten through grade 6. It embraces the goals and content objectives of the National Science Education Standards and Kentucky's Learning Goals and Academic Expectations and Core Content for Assessment. The foundation of the program lies in a balance of the three domains of science—life science, earth science, and physical science—providing the context for conceptual understanding, scientific inquiry, and applications/connection to science and technology, personal and social perspectives and the history and nature of science. Solid concept development is driven by three important elements of instruction: investigating through hands-on activities, reading for understanding of science concepts, and linking to additional experiences to provide greater depth of understanding. Woven within every lesson are opportunities to develop skills for lifelong learning such as science process skills and reading, writing, and math skills.

Student Experiences

Harcourt Science provides students with many opportunities to think and work as scientists. Students conduct scientific investigations, read to learn, write to communicate, and use numbers in meaningful ways. Additional interactive experiences are provided through an array of technology offerings—computer software, videos, and the Internet.

Assessment

Harcourt Science provides a comprehensive, multidimensional assessment program that is aligned with instruction and includes many assessment options—ongoing informal assessment opportunities for each lesson, formal reviews and tests for each chapter, Performance Assessment with scoring rubrics, Portfolio Assessment, and Student Self-Assessment. Like the instruction, the Assessment Program is student-centered, gives students a variety of opportunities to show what they know, and enables teachers to make sound instructional decisions.

Organization

There are six units at each grade level, offering a balance of Life, Earth, and Physical Science—2 Life Science Units, 2 Earth Science Units, and 2 Physical Science Units. Each lesson follows a consistent learning sequence that gives students the opportunity to **Investigate** the natural world, **Learn About** interesting, relevant information, and **Link** science to mathematics, writing, technology, and other areas of the curriculum.

Resource Materials

?? **Gratis Items to Be Provided and Under What Conditions**

Upon request, one per teacher, with purchase of each Harcourt Science Kindergarten Program, first year implementation: Kentucky Lesson Planner. Plus choose ONE of the following TWO options: Option One: Science Instant Readers, Grade K Collection OR Option 2: Activity Books, Class set of 20.

Upon request, one per teacher, with the purchase of a complete class set of corresponding Pupil Editions OR a complete class set of corresponding Unit Big Books of *Harcourt Science* ©2002, Grade 1, first year of implementation: Teacher's Edition, Grade Level Set, Workbook, Teacher's Edition, Assessment Guide, Teaching Resources, Text-On-Tape, Grade Level Set, Teaching Transparencies, Kentucky Lesson Planner, Take-Home Books, Blackline Master Version, Science Activity Videos, Kentucky Core Content Test Prep, Teacher's Edition. Plus choose ONE of the following FIVE options: Option One: Modular Big Book, Unit A (softcover), Modular Big Book, Unit B (softcover), Modular Big Book, Unit C (softcover), Modular Big Book, Unit D (softcover), Modular Big Book, Unit E (softcover), Modular Big Book, Unit F (softcover) OR Option Two: Class set (20) of Workbooks OR Option Three: Science Instant Readers, Grade 1 Collection (4 sets) OR Option Four: Instant Readers CD-ROM version, Science Instant Readers, Grade 1 Collection (4 sets) OR Option Five: Class set (20) of Kentucky Core Content Test Prep Workbook, one per Pupil Edition purchased.

Upon request, one per teacher, with the purchase of a complete class set of corresponding Pupil Editions OR a complete class set of corresponding Unit Big Books of *Harcourt Science* ©2002, Grade 2, first year of implementation: Teacher's Edition, Grade Level Set, Workbook, Teacher's Edition, Assessment Guide, Teaching Resources, Text-On-Tape, Grade Level Set, Teaching Transparencies, Kentucky Lesson Planner, Take-Home Books, Blackline Master Version, Science Activity Videos, Kentucky Core Content Test Prep, Teacher's Edition. Plus choose ONE of the following FIVE options: Option One: Modular Big Book, Unit A (softcover), Modular Big Book, Unit B (softcover), Modular Big Book, Unit C (softcover), Modular Big Book, Unit D (softcover), Modular Big Book, Unit E (softcover), Modular Big Book, Unit F (softcover) OR Option Two: Class set (20) of Workbooks OR Option Three: Science Instant Readers, Grade 1 Collection (4 sets) OR Option Four: Instant Readers CD-ROM version, Science Instant Readers, Grade 1 Collection (4 sets) OR Option Five: Class set (20) of Kentucky Core Content Test Prep Workbook, one per Pupil Edition purchased.

Upon request, one per teacher, with the purchase of a complete class set of corresponding Pupil Editions of *Harcourt Science* ©2002, Grade 3, first year of implementation: Teacher's Edition, Grade Level Set, Workbook, Teacher's Edition, Assessment Guide, Teaching Resources, Text-On-Tape, Grade Level Set, Teaching Transparencies, Kentucky Lesson Planner, Take-Home Books, Blackline Master Version, Science Activity Videos, Kentucky Core Content Test Prep, Teacher's Edition. Plus choose ONE of the following THREE options: Option One: CNN Newsroom Videos and Science Explorations CD-ROM OR Option Two: Class set (20) of Workbooks, One per Pupil Edition purchased OR Option Three: Class Set (20) of Kentucky Core Content Test Prep Workbook, one per Pupil Edition purchased.

Upon request, one per teacher, with the purchase of a complete class set of corresponding Pupil Editions of *Harcourt Science* ©2002, Grade 4, first year of implementation: Teacher's Edition, Grade Level Set, Workbook, Teacher's Edition, Assessment Guide, Teaching Resources, Text-On-Tape, Grade Level Set, Teaching Transparencies, Kentucky Lesson Planner, Take-Home Books, Blackline Master Version, Science Activity Videos, Kentucky Core Content Test Prep, Teacher's Edition. Plus choose ONE of the following THREE options: Option One: CNN Newsroom Videos and Science Explorations CD-ROM OR Option Two: Class set (20) of Workbooks, One per Pupil Edition purchased OR Option Three: Class Set (20) of Kentucky Core Content Test Prep Workbook, one per Pupil Edition purchased.

Upon request, one per teacher, with the purchase of a complete class set of corresponding Pupil Editions of *Harcourt Science* ©2002, Grade 5, first year of implementation: Teacher's Edition, Grade Level Set, Workbook, Teacher's Edition, Assessment Guide, Teaching Resources, Text-On-Tape, Grade Level Set, Teaching Transparencies, Kentucky Lesson Planner, Take-Home Books, Blackline Master Version, Science Activity Videos, Kentucky Core Content Test Prep, Teacher's Edition. Plus choose ONE of the following THREE options: Option One: CNN Newsroom Videos and Science Explorations CD-ROM OR Option Two: Class set (20) of Workbooks, One per Pupil Edition purchased OR Option Three: Class Set (20) of Kentucky Core Content Test Prep Workbook, one per Pupil Edition purchased.

Upon request, one per teacher, with the purchase of a complete class set of corresponding Pupil Editions of ***Harcourt Science*** ©2002, Grade 6, first year of implementation: Teacher's Edition, Grade Level Set, Workbook, Teacher's Edition, Assessment Guide, Teaching Resources, Text -On-Tape, Grade Level Set, Teaching Transparencies, Kentucky Lesson Planner, Take-Home Books, Blackline Master Version, Science Activity Videos, Kentucky Core Content Test Prep, Teacher's Edition. Plus choose ONE of the following THREE options: Option One: CNN Newsroom Videos and Science Explorations CD-ROM OR Option Two: Class set (20) of Workbooks, One per Pupil Edition purchased OR Option Three: Class Set (20) of Kentucky Core Content Test Prep Workbook, one per Pupil Edition purchased.

?? **Available Ancillary Materials**

TE's, Big Book, Activity Cards, Activity Book, Picture Cards, Science Instant Readers, Science Instant Readers CD-ROM, Grade Level Equipment Kits, Science Safety Equipment Kits, Pupil Edition Workbooks, Teacher Edition Workbooks, Assessment Guide, Take-Home Book, Teaching Transparencies, Inside Story Transparencies, Science Handbook Transparencies, Health Activity Book, Text -On-Tape, Science Activity Videos, Science Newsroom Videos, Science Explorations CD-ROM, Harcourt Electronic Test System: Science Practice and Assessment CD-ROM,

RESEARCH DATA/EVIDENCE OF EFFECTIVENESS**

**Disclaimer: The Research Data/Evidence of Effectiveness was provided by the publisher and does not reflect the opinion of the State Textbook/Instructional Material Review Team, State Textbook Commission, nor the Kentucky Department of Education.

Harcourt Science was developed using the National Science Education Standards and Kentucky's Learning Goals and Academic Expectations Framework, and Academic Expectations and Core content for Assessment. This, coupled with a strong authorship team and research into how children learn, ensures that the content is accurate and the instructional approach is developmentally appropriate for each grade level. In addition, content specialists, science supervisors, and educators from across the country reviewed the program, and extensive field-testing was conducted to ensure the practicality and grade-level appropriateness of materials. During the field testing, pre-tests and posttests were administered. A highly significant increase in scores between the pre-tests and posttests showed that the instruction is very effective in increasing student understanding of key science vocabulary, concepts, and understandings.

ATTACHMENT

TITLE	ISBN	GRADE	READABILITY	LIST PRICE	LOWEST WHOLESALE PRICE
Kindergarten Kit includes Teacher's Edition, Kindergarten Teaching Resources, Picture Cards, Big Book, Activity Cards, Activity Book, Science Instant Reader Collection (set of 12 titles), and Science Songs CD	0-15-326315-6	K	*	385.12	288.85
Pupil Edition	0-15-322918-7	1	1.4	43.47	32.60
Pupil Edition Big Book Collection	0-15-325373-8	1	1.4	903.10	677.34
Pupil Edition	0-15-322919-5	2	2.4	43.81	32.86
Pupil Edition Big Book Collection	0-15-325374-6	2	2.4	913.87	685.42
Pupil Edition	0-15-322920-9	3	3.2	47.33	35.50
Pupil Edition, Unit Book A	0-15-325377-0	3	3.2	12.33	9.25
Pupil Edition, Unit Book B	0-15-325378-9	3	3.2	12.33	9.25
Pupil Edition, Unit Book C	0-15-325379-7	3	3.2	12.33	9.25
Pupil Edition, Unit Book D	0-15-325380-0	3	3.2	12.33	9.25
Pupil Edition, Unit Book E	0-15-325381-9	3	3.2	12.33	9.25
Pupil Edition, Unit Book F	0-15-325382-7	3	3.2	12.33	9.25
Pupil Edition	0-15-322921-7	4	4.0	48.20	36.15
Pupil Edition, Unit Book A	0-15-325383-5	4	4.0	12.33	9.25
Pupil Edition, Unit Book B	0-15-325384-3	4	4.0	12.33	9.25
Pupil Edition, Unit Book C	0-15-325385-1	4	4.0	12.33	9.25
Pupil Edition, Unit Book D	0-15-325386-X	4	4.0	12.33	9.25
Pupil Edition, Unit Book E	0-15-325387-8	4	4.0	12.33	9.25
Pupil Edition, Unit Book F	0-15-325388-6	4	4.0	12.33	9.25
Pupil Edition	0-15-322922-5	5	5.4	53.20	39.90
Pupil Edition, Unit Book A	0-15-325389-4	5	5.4	12.67	9.50
Pupil Edition, Unit Book B	0-15-325390-8	5	5.4	12.67	9.50
Pupil Edition, Unit Book C	0-15-325391-6	5	5.4	12.67	9.50
Pupil Edition, Unit Book D	0-15-325392-4	5	5.4	12.67	9.50
Pupil Edition, Unit Book E	0-15-325393-2	5	5.4	12.67	9.50
Pupil Edition, Unit Book F	0-15-325394-0	5	5.4	12.67	9.50

* Due to the number of words and sentence length, accurate readability scores can not be run on Grade K.

ATTACHMENT

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